

# 产品规格书

## New Product Specification Sheet

|   |  |  |  |  |
|---|--|--|--|--|
| Customer  |  | Power7   | ID   |  |
| Model No.   |  | P7-PL35A-SAT-1R  |  |  |
| Market  |  | wordwide   |  |  |
| Revision history  | Rev. 02  | V  |  |  |
|   | Rev. 03  |  |  |  |
|   | Rev. 04  |  |  |  |
| EE or function specification (List interface, chip, switch, LED, back up or whatever function required) |  |  |  |  |
| Over All  | <p>Powerline proudcts are products use electrical wiring to simultaneously carry both data, and AC(Alternating Current) electric power transmission.<br/>Our product feature:</p> <ol style="list-style-type: none"><li>1. Transmit network signal with AC power line.</li><li>2. Support transfer speed upto 500Mbps.</li><li>3. One PLC adapter can support 7 PLC extender maximum</li><li>4. One button pair function</li><li>5. 300-meter range over Power Line for better performance through walls and floors</li><li>6. Network signal was encrypted by 128 bit AES</li></ol> |  |  |  |
| AC plug   | 100-240V~ 50/60Hz 0.15A  |  |  |  |
|   | EU standard.   |  |  |  |
| Security Button   | 0.5~3.0s Short Push:   |  |  |  |
|   | Above 5S long Push: change NMK;  |  |  |  |
| Reset Button  | above 5s Long Push: Reset PLC Factory Default  |  |  |  |
| LAN Port  | Support 100Mbps  |  |  |  |
|   | Connect to Modem or Home Network Cable or Router LAN Port.   |  |  |  |
| LED 1   | PowerLine LED: Green Color   |  |  |  |
|   | Start: LED blinking (1Hz)// Not Connect: LED blinking (1Hz)<br>Simple Connecting: LED blanking quickly (8Hz)// Simple Connected: LED Solid   |  |  |  |
| LED 2   | Ethernet LED   |  |  |  |
|   | Connected with router or PC: LED Solid // Not Connect: LED OFF   |  |  |  |
| Major Components  | CPU  | AR7420(500Mbps)  |  |  |
|   | Flash  | EN25Q80, 1MB SPI   |  |  |
|   |  |  |  |  |
| Environmental spec  | Surface Temperature  | Under 25℃ ambient temperature, maximum product surface temperature is ≤ 55℃. |  |  |
|   | Temperature  | Operating Temperature: 0℃ to 40℃   |  |  |
|   |  | Non-Operating Temperature: -20℃ to 65℃                                       |  |  |
|   | Humidity   | Operating Humidity: 5% to 85% (Non-condensing)                               |  |  |
| Non-operating Humidity: 5% ~ 90 % (Non-condensing)  |  |  |  |  |
| Others:   |  |  |  |  |

# 产品规格书

## New Product Specification Sheet

|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|--|----------------|------------------------------------|---|---|---|------|---|-----------------|---|------|---|--|--|
| <b>Customer</b>  |                | Power7                             |   | <b>ID</b>   |   |      |   |                 |   |      |   |  |  |
| <b>Model No.</b>   |                | P7-PL35A-SAT-1R                    |   |   |   |      |   |                 |   |      |   |  |  |
| <b>Market</b>  |                | wordwide                           |   |   |   |      |   |                 |   |      |   |  |  |
| <b>Revision history</b>  | <b>Rev. 02</b> | V                                  |   |   |   |      |   |                 |   |      |   |  |  |
|  | <b>Rev. 03</b> |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|  | <b>Rev. 04</b> |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| <b>ME or feature specification</b> (Specify top cover, bottom cover, back panel, front panel, logo, color & whatever features) |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| Product Dimension  |                | 88(L)*58(W)*28(H)mm                |   |  |   |      |   |                 |   |      |   |  |  |
| ① Bottom cover   |                | PC, Black, Texture+High gloss      |   |   |   |      |   |                 |   |      |   |  |  |
| ② LENS   |                | PC, transparent, high gloss        |   |   |   |      |   |                 |   |      |   |  |  |
| ③ Top cover  |                | PC, Black, High gloss with texture |   |   |   |      |   |                 |   |      |   |  |  |
| ④ Button   |                | PC, Black, Texture                 |   |   |   |      |   |                 |   |      |   |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| <b>Packaging specification</b>   |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| TBD  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| <b>Accessories</b>   |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| N/A  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| <b>Regulatory</b>  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| For product  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| CCC  | /              | CE                                 | Y | FCC   | / | BSMI | / | RCM             | / | VCCI | / |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
|  |                |                                    |   |   |   |      |   |                 |   |      |   |  |  |
| Proposed by  |                |                                    |   | Reviewed by   |   |      |   | Approved by     |   |      |   |  |  |
| ME eng'r   |                |                                    |   | EE eng'r  |   |      |   | Packaging eng'r |   |      |   |  |  |
| ME supervisor  |                |                                    |   | EE supervisor   |   |      |   | RD Manager      |   |      |   |  |  |

FM-PM-002-A1